## AMENDMENTS TO THE CLAIMS

Please add or amend the claims to read as follows, and cancel without prejudice or disclaimer to resubmission in a divisional or continuation application claims indicated as cancelled:

Listing of Claims

1. (Currently Amended) An in vivo imaging device comprising:

a first rigid circuit board having disposed thereon an image sensor and at least one illumination source, said first circuit board having a top surface and a bottom surface; and

a second rigid circuit board, said second circuit board being in electrical communication with the first circuit board and extending at an angle of ~~between about 0° to about 180°~~ about 90° from the bottom surface of the first circuit board.

2. (Original) The device according to claim 1 wherein the second circuit board is substantially perpendicular to the first circuit board.

3. (Canceled)

4. (Currently Amended) The device according to ~~claim 3~~ claim 1 wherein the illumination source includes an LED.

5. (Original) The device according to claim 1 wherein the second circuit board comprises circuitry for processing image signals.

6. (Original) The device according to claim 1 wherein the second circuit board is configured for accommodating an ASIC.

7. (Original) The device according to claim 1 wherein the second circuit board is configured for accommodating a transmitter.

8. (Original) The device according to claim 1 wherein the second circuit board includes an illumination source.

9. (Original) The device according to claim 8 wherein the illumination source includes an LED.

10. (Original) The device according to claim 8 comprising a light redirecting device.

11. (Original) The device according to claim 10 wherein the light redirecting device is selected from the group consisting of: a prism, a mirror and a fiber optic light guide.

12. (Original) The device according to claim 1 wherein the second circuit board is configured for containing a power source.

13. (Currently Amended) In an in vivo imaging device, a first rigid circuit board configured for being in electrical communication with ~~another~~ a second rigid circuit board and extending substantially perpendicularly to the ~~other~~ second circuit board, wherein said first rigid circuit board has disposed thereon at least one illumination source.

14. (Currently Amended) The circuit board according to claim 13, comprising attaching means for attaching the first circuit board substantially perpendicularly to the ~~other~~ second circuit board.

15. (Original) The imaging device according to claim 14 wherein the attaching means includes electrically communicating means.

16. (Original) The imaging device according to claim 13 comprising circuitry for processing image signals.

17. (Currently Amended) The imaging device according to claim 13 wherein the ~~circuit~~ imaging device is configured for accommodating at least a transmitter.

18. (Currently Amended) The ~~circuit~~ imaging device according to claim 13 wherein the ~~circuit~~ imaging device is configured for accommodating at least an illumination source.

19. (Currently Amended) The ~~circuit~~ imaging device according to claim 18 wherein the illumination source includes an LED.

20. (Currently Amended) In an in vivo imaging device, an image sensor, said sensor configured for being in electrical communication with a rigid circuit board, said circuit board extending substantially perpendicularly to the image sensor and wherein said circuit board has disposed thereon at least one illumination source.

21. (Currently Amended) The ~~image sensor~~ imaging device according to claim 20 ~~comprising~~ wherein the sensor comprises a ~~niche~~ socket or slot configured for accommodating a side edge of a second circuit board.

22. (Currently Amended) The ~~image sensor~~ imaging device according to claim 21 wherein the ~~niche~~ socket or slot comprises communication means for electrically communicating with the ~~other~~ second circuit board.

23-25. (Canceled)

26. (Currently Amended) An in vivo imaging device comprising:

a circuit board;

a transmitter; and

an antenna, said antenna substantially ~~surrounding~~ coiled about the circuit board.

27. (Original) The device of claim 26, comprising an imager.

28. (Original) The device of claim 26, wherein the antenna substantially surrounds the transmitter.

29. (Currently Amended) An in vivo imaging device comprising a housing wherein within said housing comprises:

an imager;

a power source; and

an antenna, said antenna disposed substantially between the power source and the imager.

30. (Original) The device of claim 29, wherein the power source includes a battery.

31. (Currently Amended) A capsule comprising:

an optical window behind which are disposed:

an illumination source;

a first rigid circuit board configured for accommodating at least an image sensor, said first circuit board having a bottom surface; and

a second rigid circuit board, said second circuit board being in electrical communication with the first circuit board and extending substantially perpendicularly from the bottom surface of the first circuit board.

32-33. (Canceled)